

OGDEN ARSENAL, REST HOUSE
(OGDEN ARSENAL, BUILDING 2015)
(OGDEN ARSENAL, BUILDING PLP-9)
(OGDEN ARSENAL, CARTRIDGE ORDNANCE DEPOT)
7723 North Carolina Way
Layton Vicinity
Davis County
Utah

HAER No. UT-84-BA

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6-LAY, V,
1 BA-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

**Historic American Engineering Record
National Park Service
Department of the Interior
Denver, Colorado 80225-0287**

HISTORIC AMERICAN ENGINEERING RECORD

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Location: 7723 North Carolina Way, Hill Air Force Base, Layton Vicinity, Davis County, Utah

Note: For shelving purposes at the Library of Congress, Layton Vicinity in Davis County was assigned as the "official" location of Hill Air Force Base. Building 2015 is actually in the Ogden Vicinity of Weber County.

UTM: 12-414410-4556100

Date of Construction: 1942

Architect: Unknown

Builder: Unknown

Present Owner: Hill Air Force Base

Present Use: Cartridge Ordnance Depot

Significance: This Rest House served the North Loading Plant Area, where 37mm anti-tank ammunition was produced at Ogden Arsenal. The building provides particularly vivid images of the processes involved in the manufacture of munitions at Ogden Arsenal during World War II. This building, along with other structures at the base, renders a unique picture of the U.S. Army build-up which occurred on the eve of and during World War II.

History: Building 2015 served as a Rest House for the North Loading Plant Area. In order to ensure maximum safety and efficient production, all components of 37mm anti-tank ammunition were brought to a consistent temperature prior to assembly. Rest Houses such as Building 2015 were used as transient storage for small amounts of fuzes, primers, and other components until they reached the

same temperature as the Loading Line & Assembly Building (usually 48 hours). Any moisture that may have condensed on the packages evaporated during this stage.

Because these buildings were used to store highly explosive elements, they were designed to minimize the damage to surrounding buildings and workers. Building 2015 is surrounded on the east, south, and west by blast-deflecting earth mounds that were intended to deflect and absorb any shock waves that might accompany an accidental explosion.

General

Description: Building 2015, located in the original Primer Loading Plant Area, is a one-story, gable-roofed building with a five-foot eave overhang above the double door entries. This facility is the only remaining rest house of its type still on the Base. The facility measures 32'-4" x 20'-4" and is divided into two service bays. The building is made of reinforced concrete columns infilled with red eight-inch concrete tiles. Originally, the tile was coated on the interior with "Keene's Cement," a hard, white, high-strength plaster made by adding alum to burning gypsum, as a protective measure against explosions. The roof structure, including the overhang, is composed of steel beams on exposed light steel framing. Two twelve-inch diameter copper ventilators with dampers are centered on the asbestos ridge roll. Each of the gable end walls have a single steel frame window. The front elevation has a pair of double steel doors with windows, while the rear elevation has a pair of steel frame windows. The floor is made of linoleum on a four-inch concrete slab which itself sits on a layer of dirt fill. The interior consists of a single, column-free room, accessible from grade.

